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SOCIAL SECURITY HEALTH INSURANCE FOR THE INFORMAL SECTOR IN NICARAGUA: A RANDOMIZED EVALUATION

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SUMMARY

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1. INTRODUCTION

L INTRODUCTION In recent years, interest has grown in providing health insurance programs to poor and vulnerable populations throughout the world as a means of increasing access to priority health services and protecting families from catastrophic health care costs.¹ Highermentation of such programs, henever, may be difficult. Research suggests that take-up of volantary health insurance among the poor is typically low (Buherman and Knowles, 1999; Jowett, 200); Morelach, 1999; Chankova *et al.*, 2006; Gine *et al.*, 2007; Alderman and Knowles, 1999; Jowett, 2001; Morelach, 1999; Chankova *et al.*, 2006; Gine *et al.*, 2007; Alderman and Fasson, 1994; Fakhamps, 1999; Pauly *et al.*, 2000; Moreover, collecting payments from this population, who are generally employed in the informal sector, is challenging (Abel-Smith, 1992). Finally, if the program is not carefully designed and marketed, lissenzore schemes taggeted to the poor may be particularly prone to adverse selaction, disproportionately attracting those who are relatively sick.

Termpandenar to Department of Economics, 611 Tappan St., Ann Achor, MI 4009, USA. E-mail rehearably antidi-adu here are a growing mother of health insurance programs and analonic realutions of three programs in developing sounders for analysis, AcAd-Smith (1995), Emos(2000) Brown and Schneer Offici). Dath of a (2006) Galdkoura (2006) and Galdkoura (2005) Gaudie and Subar D005), GTZ et al. (2008) Kang et al. (2008), Kornese et al. (2006), Miller et al. (2009) mappadin and Video (2007). Gaudie and Subar D005), GTZ et al. (2008), Kang et al. (2008), Kang et al. (2008), Subar et al. (2008), Suppadin 2009 (1996), Childre (2008), Padin et al. (2008), Subar et al. (2008), Suba

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Social Security Health Insurance for the Informal Sector in Nicaragua: A Randomized Evaluation

This article presents the results from an experimental evaluation of a voluntary health insurance program for informal sector workers in Nicaragua. Costs of the premiums as well as enrollment location were randomly allocated. Overall, take-up of the program was low, with only 20% enrollment. Program costs and streamlined bureaucratic procedures were important determinants of enrollment. Participation of local microfinance institutions had a slight negative effect on enrollment. One year later, those who received insurance substituted toward services at covered facilities and total out-of-pocket expenditures fell.



However, total expenditures fell by less than the insurance premiums. We find no evidence of an increase in health-care utilization among the newly insured. We also find very low retention rates after the expiration of the subsidy, with less than 10% of enrollees still enrolled after one year. To shed light on the findings from the experimental results, we present qualitative evidence of institutional and contextual factors that limited the success of this program.

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